

AYZIKOVICH, Leonid Yefimovich, kand.tekhn.nauk; KHORTSEV, B.N., glavnnyy
inzh.; red.; GEL'MAN, D.Ya., red.; GOLUBKOVA, L.A., tekhnred.

[Increasing the efficiency of bran finishing at mills producing
high-grade flour; using propeller-type machines in the break
system instead of roller mills] Povyshenie effektivnosti
vymola obolochek zerna na sortovykh mel'nitsakh; opyt zameny
val'tsevykh stankov propellernymi mashinami na poslednikh
dranykh sistemakh. Pod red. B.N.Khortseva. Moskva, Izd-vo
tekhn. i ekon.lit-ry po voprosam mukomol'no-krupianoi promyshl.
i elevatorno-skladskogo khoz., 1957. 100 p. (MIRA 12:9)

1. Upravleniye mukomol'no-krupyanoy i kombikormovoy pro-
myshlennosti Ministerstva khleboproduktov SSSR (for Khortsev).
(Grain-milling machinery)

AYZIKOVICH, Leonid Yefimovich, kand. tekhn. nauk; KHORTSEV, Boris Nikolevich,
inzh.; GEL'MAN, D.Ya., red.; GOLUBKOVA, L.A., tekhn. red.

[Development of flour milling technology in the U.S.S.R.; a brief
account] Razvitie tekhnologii mukomol'nogo proizvodstva v SSSR;
kratkii ocherk. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam
mukomol'no-krupianoi i kombikormovoi promyshl. i elevatorsko-
skladskogo khoziaistva, 1957. 92 p. (MIRA 11:?)
(Grain-Milling machinery)

GORYANNIKOV, M.S., red.; GAFNER, L.A., red.; KHORTSEV, B.N., red.;
FEDOSOVA, N.I., red.; GOLUBKOVA, L.A., tekhnred.

[Flour, grains and feed industry of the U.S.S.R., 1917-1957;
a collection of articles] Mukomol'naia, krupianaisa i kombi-
kormovaisa promyshlennost' SSSR, 1917-1957 gg.; 'bornik statei.
Moskva, Izd-vo tekhn.i ekon.lit-ry po voprosam mukomol'ne-
krupianoi i kombikormovei prem. i elevatorno-skladskogo khoz..
1958. 189 p. (MIRA 12:2)

1. Nachal'nik Upravleniya mukomol'no-krupyanikh i kombikormovykh
predpriyatiy Ministerstva khleboprodukrov SSSR (for Goryannikov).
(Feed mills) (Grain milling)

KHORTEV, B.

About G.M. Leviatin's book ("Processing grain in mills; scientific principles" by G.M. Leviatin. Reviewed by B. Khortsev and others. Muk.-elev. prem. 24 no.10:31-33 O '58. (MIRA 11:12)

1. Glavnyy inzh. Upravleniya mukomel'no-krupyanykh i kombikormovykh predpriyatiy Ministerstva khleboproduktes SSSR.
(Grain milling)

KHORTEV, B., inzh.; TSOREAS, S., inzh.

Obtaining a 75⁰ yield in flour milling. Muk.-elev.prom. 25
no.3:13-15 Mr '59. (MIRA 12:6)

1. Goskomitet Soveta Ministrov SSSR po khleboproduktam.
(Grain milling)

KHORTEV, B.; SAKUTO, N.

Against confusion in problems concerning the utilization of fixed capital in grain milling enterprises ("Ways of improving the utilization of fixed capital in grain milling enterprises" by A.K. Pavliuchenkov. Reviewed by B.Khortsev and N.Sakuto). Muk.-elev. prom. 26 no.1:31-32 Ja '60. (MIRA 13:6)

1. Glavnnyy tekhnolog po mukе proizvodstvenno-tehnicheskogo upravleniya Gosudarstvennogo komiteta Soveta Ministrov SSSR po khleboproduktam (for Khortsev). 2. Zamestitel' nachal'nika planovo-finansovogo otdela Gosudarstvennogo komiteta Soveta Ministrov SSSR po khleboproduktam (for Sakuto).

(Flour mills)
(Pavliuchenkov, A.K.)

KHORTEV, B., inzh.

All-Union survey of flour and groats. Muk.-elev. prom. 27
no. 28-10 F '61. (MIRA 14:4)

1. Proizvodstvenno-tehnicheskoye upravleniye Goskhlebkomiteta.
(Cereal products)

AUTHOR: Khortsev, Yu.P., Engineer SOV-ill-58-10-8/29

TITLE: Apparatuses "SMT-34" and "TVCh-34" Without Transmission of Carrier Frequency Current Into the Line (Apparatura "SMT-34" i "TVCh-34" bez peredachi v liniyu toka nesushchey chastoty) 18

PERIODICAL: Vestnik svyazi, 1958, Nr 10, pp 6-9 (USSR)

ABSTRACT: In "Vestnik svyazi", 1956, Nr 1, the first stage of modernization of the apparatus "SMT-34" was described. There were still several drawbacks: the transmission of carrier frequency currents into the line, the low level of the signal, and the absence of automatic level control. In the article, an improved version of the "SMT-34" is described in which the effective transmitted frequency band is increased to 2,400 cycles while the carrier frequency is fixed at 300 cycles. A block diagram is given in Figure 2. The receiver amplifier consists of two cascades and contains two tubes (Figure 3). The automatic control may be changed to manual control in case of emergency.

Card 1/2

SOV-111-58-10-8/29

Apparatuses "SMT-34" and "TVCh-34" Without Transmission of Carrier Frequency Current Into the Line

There are 3 diagrams, 1 graph, and 1 table.

ASSOCIATION: Voronezhskaya mezhdugorodnaya telefonnaya stantsiya (Voronezh Long-distance Telephone Station)

1. Communication equipment--Performance 2. Communication equipment
--Circuits 3. Communication equipment--Control systems

Card 2/2

KHORUK, L.

USSR/Farm Animals. Silkworm.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78867.

Q

Author : Lipko, N.; Tsanko, N.; Khoruk, L.
Inst : Stavropol Agricultural Institute.

Title : Influence of Feeding Schedule on Productivity
of the White Cocoon Breed of Bombyx.

Orig Pub: Sb. nauchno-issled. rabot stud. Stavropol'sk. s.-kh.
in-ta, 1956, vyp. 4, 60-62.

Abstract: No abstract.

Card : 1/1

KHORUNOV, Rakhim; TURAKHONOV, A., red.; AKHTYAMOVA, S., tekhn. red.

[Course in descriptive geometry; textbook for higher technical institutes] O'qizma geometriia kursi; olii tekhnika ukuv iurtlari uchun darslik. Toshkent, UzSSE "Urta va olii maktab" davlat nashrieti, 1961. 250 p. [In Uzbek] [Kurs nachertatel'noi geometrii; uchebnik dlia vysshikh tekhnicheskikh uchebnykh zavedenii]

(MIRA 15:6)

(Geometry, Descriptive)

KHORUNOV, R.Kh., dots., kand. tekhn. nauk

[List of Soviet literature on descriptive geometry for
the years 1946-1960]. Bibliograficheskii ukazatel' otechest-
vennoi literatury po nachertatel'noi geometrii za 1946-1960
gody. Tashkent, 1963. 79 p. (MIRA 16:9)

1. Tashkent. Institut inzhenerov zhelezodorozhного transporta.
(Bibliography--Geometry, Descriptive)

KHORUNOV, Rakhim, kand. tekhn. nauk

[Course in descriptive geometry] Chizma geometriia kursi.
Toshkent, "Ukituvchi" Nashrieti, 1964. 430 p. [In Uzbek]
(MIR: 12:3)

S/125/62/000/002/003/010
D040/D113

AUTHORS: Sterenbogen, Yu.A, and Khorunov, V.F. (see Association);
Kuznetsov, V.I., and Polikarpov, B.S. (Moscow)

TITLE: Surfacing parts of high-strength cast iron with a steel layer
using an electrode band

PERIODICAL: Avtomaticheskaya svarka, no.2, 1962, 20-26

TEXT: Results are given of experiments in which cylindrical specimens of magnesium-inoculated 84 40-10 (VCh 40-10) high-strength cast iron were surfaced with low-carbon steel, steel elements being subsequently welded to the steel coating. In previous welding experiments, it was found impossible to directly weld steel parts to cast iron of this type, because of the brittle carbide zone which forms in the fusion line; this was also observed by P.S. Bazhenov (Ref. 2: "Svarochnoye proizvodstvo", no.3, 1955) in experiments with steel, iron-nickel and magnesium-treated electrodes. The chemical composition of VCh 40-10 cast iron is (in %): 3.2-3.5 C, 0.2-0.5 Mn, 3.2-3.6 Si, 0.008-0.015 S, 0.037-0.048 P.

↙

Card 1/3

S/125/62/000/002/003/010

D040/D113

Surfacing parts of high-strength cast ...

A low-carbon steel band of 0.8 or 1.0 grade per ГОСТ 503-41 (GOST 503-41) served as electrode and an АМ-60(AN-60) high-manganese flux was used. An АДС-1000-2 (ADS-1000-2) tractor operating on reversed-polarity current was used for welding. An electrode band, 0.4 x 70 mm in cross section, produced a smooth coating at 580-620 amp, 28-30 v, and 6-15 m/hr welding speed. For an electrode 0.25 x 40 mm in cross section, the proper current was 300-320 amp. A high-manganese AN-60 flux was used despite the resultant increased Mn content in the coating, since the shape of the coating was bad using two manganese-free fluxes АМ-28 (AN-28) and АМ-5 (AN-5). The coatings were applied in two layers, and steel parts welded to the steel coating by manual welding using УОНИИ-13/55 (UONII-13/55) electrodes. Perlite-sorbite structure formed in the first layer at 13 m hr welding speed with 0.4 x 70 mm electrode band, and ferrite-perlite structure in the second layer. Experimental weldments weighing 200 kg were tested for strength of joints on a 100-ton tension test machine and a vibrating test stand. It was concluded that the strength of bond between the cast iron body and coating was five to seven times greater than the strength requirements for welded joints with steel parts. There are 4 figures, 3 tables and 6 Soviet references.

Card 2/3

Surfacing parts of high-strength cast ...

S/125/62/000/002/003/010
D040/D113

ASSOCIATION: Ordona Trudovogo Krasnogo Znameni Institut elektrosvarki im.
Ye.O.Patona AN USSR (Electric Welding Institute "Order of
the Red Banner of Labor" im. Ye.O.Paton, AS UkrSSR)
(Sterenbogen, Yu.A. and Khorunov, V.F.)

SUBMITTED: July 8, 1961



Card 3/3

STERENBOGEN, Yu.A.; KHORUNOV, V.F.; KUZNETSOV, V.I. (Moskva); POLIKARPOV,
B.S. (Moskva)

Welding steel layers on high-strength cast iron parts by means of
electrode ribbons. Avtom. svar. 15 no.2:20-26 F '62.

(MIRA 15:1)

1. Ordena Trudovogo krasnogo Znameni Institut elektrosvarki im.
Ye.O.Patona AN USSR.

(Metal cladding)

STERENBOGEN, Yu.A.; GRETSKIY, Yu.Ya.; KHORUNOV, V.F.; YANKELEVICH, G.I.
SHEKHTER, S.Ya.

Technology of repairing cast iron molds. Avtom. svar. 15 no.6:
81-87 Je '62. (MIRA 15:5)

1. Ordona Trudovogo Krasnogo Znameni Institut elektrosvarki
imeni Ye.O.Patona AN USSR (for Sterenbogen, Gretskiy, Khorunov).
2. Magnitogorskiy metallurgicheskiy kombinat (for Yankelevich).
3. Kommunarskiy metallurgicheskiy zavod (for Shekhter).
(Ingot molds—Maintenance and repair)
(Cast iron—Welding)

STERENBOGEN, Yu.A.; KHORUNOV, V.F.; GRETSKIY, Yu.Ya.; FISHKIS, M.M.

Mechanized method of welding gray cast iron with a powder rod.
Avtom. svar. 15 no.9:82-86 S '62. (MIRA 15:9)

1. Ordena Trudofogo Krasnogo Znameni Institut elektrosvarki im.
Ie.O.Patona AN UkrSSR (for ~~Sterenbogen~~, Khorunov, Gretskiy).
2. Avtozavod im. I.A.Likhacheva (for Fishkis).
(Cast iron--Welding)

STERENBOGEN, Yu.A.; KHORUNOV, V.F.; GRETSKIY, Yu.Ya.; KUZNETSOV, V.I. (Moskva);
POLIKARPOV, B.S. (Moskva); KARPOV, N.P. (Moskva)

Welding high-strength cast iron to steel with a thin electrode wire in
carbon dioxide. Avtom. svar. 15 no.7:61-67 Jl '62. (MIRA 15:7)

1. Otdelenie Trudovogo Krasnogo Znameni institut elektrosvarki imeni
Ye.O. Patona AN USSR (for Sterenbogen, Khorunov, Gretskiy).
(Cast iron--Welding) (Steel--Welding)

S/125/63/000/002/009/010
A006/A101

AUTHOR: Khorunov, V. F.

TITLE: Exchange of experience in metal welding in the field of ship
machine-building

PERIODICAL: Avtomaticheskaya svarka, no. 2, 1963, 90 - 91

TEXT: The Conference took place in Leningrad in November 1962, and was attended by about 150 participants. The introductory report was delivered by V. D. Matskevich, Candidate of Technical Sciences, head of the NTO Sudprom welding section. The Conference heard the following reports: N. O. Okerblom, Doctor of Technical Sciences, on the use of composite welded machine-building structures; G. M. Gusev, Engineer, Leningrad Kirov Plant, on the manufacture of welded turbo-dented ship units at the Plant; K. P. Aronov, Engineer, on the use of welding in the production of low-revolution high-power ship Diesel engines at the Bryansk Machinebuilding Plant; Ya. B. Entin, Engineer, on the production of welded Diesel structures at the Kolomna Locomotive-Building Plant; A. A. Gurevich, V. N. Shemanovskiy, L. S. Neymark on the planning and designing

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Exchange of experience in metal welding in...

S/125/63/000/002/009/010
A006/A101

of welded structures at the "Russkiy dizel'" Plant; A. N. Babayev, Candidate of Technical Sciences, representative from the Leningrad Shipbuilding Institute, on "Residual stress and fatigue strength of built-up ship shafts"; V. F. Khorunov, Engineer, Institute of Electric Welding imeni Ye. O. Paton, on a mechanized method of welding cast iron with a powder wire developed at the Institute; O. M. Kuznetsov, scientific worker at the Institute of Metallurgy imeni A. A. Baykov, on problems of hot-crack and heat resistance of the weld metal; F. F. Benua, Candidate of Technical Sciences, on "Slag welding of large-section ship parts"; V. F. Kvasnitskiy, Engineer, on experiments in diffusion vacuum welding in gas turbine construction and Engineer V. K. Koryagin on the use of welding and soldering in the manufacture of ship conditioners, both engineers from the Nikolayev Branch of NTO Sudprom; Engineer, B. F. Kuznetsov, representative of the USSR Register on "Experiments in manufacturing crankshafts of welded structures in the GDR". The Conference decided to expand the welding practice in shipbuilding.

Card 2/2

STERENBOGEN, Yu.A., kand. tekhn. nauk; KHORUNOV, V.F., inzh.; GRETSKIY, Yu.Ya.,
inzh.; FISHKIS, M.M., inzh.

Mechanized method of welding cast iron with use of powder wire.
Svar. proizv. no. 617-8 Je '63. (MIRA 16:12)

1. Institut elekrosvarki im. Ye.O. Patona (for Gretskiy).
2. Moskovskiy avtozavod im. Likhacheva (for Fishkis).

STERENBOGEN, Yu.A.; KHORUNOV, V.P.

Effect of the cooling rate on the structure of cast iron during
its mechanized welding with a powder wire. Avtom. svar. 17
no.7:30-35 Jl '64. (MIRA 17:8)

1. Institut elektrosvarki im. Ye.O. Patona AN UkrSSR.

KHORUNOV, V.F.; STERENBOGEN, Yu.A.

Effect of the composition of cast iron on its graphitization
under welding conditions. Avtom. svar. 17 no.12:46-51 D '64
(MIRA 18:2)

1. Institut elektrosvarki im. Ye.O. Patona AN UkrSSR.

STERENBOGEN, Yu.A.; KHORUNOV, V.F.; GRETSHKIY, Yu.Ya.

Electric slag remelting of cast iron. Lit. proizv. no.3:8-9
Mr '64. (MIRA 18:9)

KHORUNOV, V.P.

Exchange of experience on metal welding in marine engineering. Avtom.
svar. 16 no.2:90-91 F '63. (MIRA 16:4)
(Marine engines—Welding)

KHORUNZHAYA, K.Yu.

Use of polysiloxan during operation of artificial circulation apparatus.
Med. prom. 15 no.8;45-48 Ag '61. (MIRA 14:12)

I. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy
apparatury i instrumentov.
(BLOOD CIRCULATION, ARTIFICIAL) (SILOXANES)

ZAKHAROVA, I.I.; MIKHNO, Ya.S.; KHORUNZHAYA, K.Yu;

Apparatus for softening water by ~~method~~ of ion exchange. Med. prom.
15 no.8: 54-55 Ag '61. (MIRA 14:12)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov Ministerstva zdravookhraneniya SSSR.

(WATER-SOFTENING)

KHORUNZHAYA, K.Yu.

Method for the qualitative determination of the products of hydrolysis of sarcolysine in the blood and in an aqueous saline solution. Vop.onk. 8 no.8:66-67 '62. (MIRA 15:9)

1. Iz biokhimicheskoy laboratorii (zav. - d-r med.nauk L.A. Kashcheyevskaya) meditsinskogo otdela (zav. - prof. A.M. Geselevich) Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov Minizdrava SSSR (dir. - A.M. Anan'yev).
(SARCOLYSINE)

KHORUNZHAYA, N., nauchnyy sotrudnik

Planning the utilization and conservation of water resources.
Plan. khoz. 41 no.1:57-62 Ja'64. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut Soveta narodnogo
khozyaystva SSSR.

YEVSHOV, P.G.; KHORUNZHENKO, V.Ye.

The KSSH-5B wide-row orchard cultivator. Biul. tekhn.-ekon. inform.
Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17 no.12:47-48
(MIRA 18:3)
D '64.

KHORUNZHEVA, L.D.; LYUDVIG, A.D.; MASHTAKOVA, Z.A.; TUMAILOVA, L.M.

Extermination of favus in the Bakharden, Geok-Tepinsk, and Ashkhabad
Rural Districts. Zdrav. Turk. 5 no.6:28-29 N-D '61. (MIRA 15:2)

1. Iz dispansernogo otdela (zav. - L.D.Khorunzheva) kozhno-
venerologicheskogo instituta (nauchnyy rukovoditel' - prof.
N.F. Rodyakin).

(TURKMENISTAN—FAVUS)

PODGORNAYA, A.D.; KHORUNZHEY, O.I. [deceased]

Conditions causing the formation of fogs in the Kherson region.
Trudy Ukr NIGMI no.10:35-40 '59. (MIRA 13:5)

1. Aviameteorologicheskaya stantsiya v Grazhdanskom vozdushnom
fotle, Kherson.
(Kherson region--Fog)

KHORUNZHIY, A.

AUTHOR: Khorunzhiy, Anat.

86-2-36/45

TITLE: Ordinary People (Obyknovennyye lyudi)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 2, pp. 62-66 (USSR)

ABSTRACT: A story about a Soviet woman-pilot who bailed out of her destroyed airplane in an air battle and was taken prisoner by the Germans and then succeeded in escaping back to the Soviet troops.

AVAILABLE: Library of Congress

Card 1/1

KHORUNZHIY, G.V.

Case of congenital adrenogenital syndrome in a 7-month-old child. Vop. okh. mat. i det. 7 no.2:90-91 P '62. (MIRA 15:3)

1. Iz Rostovskogo nauchno-issledovatel'skogo instituta akusherstva i pediatrii (dir. - kand.med.nauk F.S. Baranovskaya, nauchnyy rukovoditel' instituta - doktor meditsinskikh nauk T.V. Loverdo).

(HERMAPHRODITISM)
(ADRENAL GLAND--DISEASES)

LEMEZHCHENKO, S.D., slesar'-avtomatchik; KHRUNZHIY, I.P., master;
KATKOV, Yu.D., mashinist-instruktor

Antiskid device for ChS1 and ChS3 electric locomotives. Elek.
-i tepl.tiaga 6 no.2:15-16 F '62. (MIRA 15:2)

1. Depo "Oktyabr'" Yuzhnoy dorogi (for Lemeshchenko). 2.
Avtomatnyy tsekh depo "Oktyabr'" Yuzhnoy dorogi (for
Khorunzhiy).

(Electric locomotives)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7

KHORUNZHIY, K.

Experience in training. Avt. transp. 37 no.9:47 S '59.

(MIRA 12:12)

(Education, Cooperative)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7"

KHORUNZHIY, L.

Statistical methods for the study of the amortization fund as a
source of accumulation. Vop. ekon. no.1:107-121 Ja '60.

(MIRA 13:1)

(Amortization--Statistics)

KHCRUNZHIY, L.

Statistics

Some problems of statistics as science. Voprosy 5 no. 7, '52

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

KOVALEV, N.; KHORUNZHIY, L.

New book on the theory and practice of the application of mathematics in economics. Vop. ekon. no.10:99-105 0 '63.
(MIRA 16:12)

KHO UNZHIIY, L.

BAYEV, L.; KHORUNZHIY, L.

Progress of industry under the Soviet regime ("Industry of the
U.S.S.R." Reviewed by L. Baev, L. Khorunzhii). Vop.ekon.
no.5:112-118 My '57. (MIRA 10:7)
(Russia--Industries)

KHORUNZHIY, L.

Concise figures showing the growth of the Soviet national economy ("The national economy of the U.S.S.R." Reviewed by L. Khorunzhii). Vop.ekon. no.9:125-131 S '56. (MLRA 9:10)

(Russia--Economic conditions--Statistics)

FEDOROVICH, Mikhail Mikhaylovich, prof.; KHORUNZHII, L.A., nauchnyy
red.; MIRONOV, S.Ya., red.; RAKITIN, I.T., tekhn. red.

[Mathematical model of the technical, industrial and
financial plan] Matematicheskaiia model' tekhpromfinplana.
Moskva, Izd-vo "Znanie," 1962. 61 p. (Novoe v zhizni, nauke,
tekhnike. III Seria: Ekonomika, no.13/14) (MIRA 15:9)
(Industrial management) (Economics, Mathematical)

1. Khorunzhiy, N.
2. USSR (600)
4. Air Pilots
7. Millionaires, Sov.soiuz. no. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Unclassified.

GERGELEVICH, A.P.; KHORUNZHIY, P.S., starshiy instruktor peredovykh
metodov truda

Making precast beams for viaducts. Prom. stroi. i inzh. soor 1
no. 1:41-43 0 '59. (MIRA 13:12)
(Viaducts) (Girders)

KHORUNZHIY, Valentin Alekseyevich; RIBAS, Yuriy Mikhaylovich;
NEDOSEKOV, Svyatoslav Semenovich; BERSHITSKIY, M.D.,
red.; BUL'DYAYEV, N.A., tekhn. red.

[Explosion-proof electrical equipment] Vzryvozashchishchen-
noe elektrooborudovanie. Moskva, Gosenergoizdat, 1962.
319 p. (MIRA 15:11)
(Electric apparatus and appliances—Safety measures)

KHORUNZHIY, V.A.; RAKOVICH, I.I.; SHEVCHENKO, N.F.

In the working group of section No.10 of the Regular Committee
of the Mutual Economic Assistance Council for preparing re-
commendations on uniform rules and standards on explosionproof
electrical equipment. Prom.energ. 19 no. 2:50 F '64.
(MIRA 17:5)

ZIKEYEV, Ye.N., inzh.; KHORUNZHIY, V.A., inzh.

Conference on explosion-proof electrical equipment. Vest.elektroprom.
33 no.2:77-78 F '62. (MIRA 15:2)
(Electric apparatus and appliances—Safety measures)
(Electric apparatus and appliances)

ZIKEYEV, Ye.N., inzh.; KHORUNZHIY, V.A., inzh.

Feature development of explosionproof electric equipment.
Vest. elektroprom. 32 no.12:1-4 D '61. (MIRA 14:12)
(Electric apparatus and appliances)

15-57-10-15005

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
p 282 (USSR)

AUTHOR: Khorunzhii, V. A.

TITLE: Automation in the Coal-Mining Industry (Zadachi
avtomatizatsii v ugol'noy promyshlennosti)

PERIODICAL: V sb.: Avtomatizatsiya v ugol'n. pros-sti. Moscow,
Ugletekhnizdat, 1956, pp 3-10

ABSTRACT: The author gives a short analysis of the state of
automation of mine production in the coal-mining
industry of the USSR. At the mines of the Ministry
of the Coal-Mining Industry of the Ukr SSR automation
has been extended to principal ventilation, skip hoists,
high-voltage and low-voltage water-draining apparatus,
winches for continuous haulage, stationary conveyor
belts, etc. (data are given on the number of automatic
installations). The introduction of automation
permitted the freeing of nearly 1000 men in 1954 from
the operating personnel. The chief faults in the

Card 1/2

Automation in the Coal-Mining Industry (Cont.)

15-57-10-15005

automation of mine production are the lack of solutions to the problems of installation and maintenance work and of the complexity of the automatic apparatus and the unsatisfactory work, as yet, of the scientific-research institutes that are occupied with the questions of automation. The author presents concrete problems to the engineering and technical workers in the field of automation at coal mines.

Card 2/2

R. I. Teder

KHORUNZHIY, V.A.; ZIKEYEV, Ye.N.

Let's organize the mass production of electrical equipment for
mines. Vest. elektroprom. 34 no.3:1-3 Mr '63. (MIRA 16:8)

1. Direktor instituta "Giproniselektroshakht" (for Khorunzhiy).
2. Zamestitel' direktora po nauchnoy chasti instituta
"Giproniselektroshakht" (for Zikeyev).
(Mines and mineral resources—Electric equipment)

LEYBOV, R.M., professor, doktor tekhnicheskikh nauk; KHORUNZHIY, V.A., inzhener, redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy redaktor

[Electrical equipment for underground coal mining; collection of articles] Elektrooborudovanie podzemnykh vyrabotok ugol'-nykh shakht; sbornik statei. Moskva, Ugletekhsdat, 1955. 518 p.
(MIRA 9:2)

(Coal mining machinery) (Electricity in mining)

KHORUNZHII, V.A., inzh.; RIBAS, Yu.M., inzh.

Proposed Regulations for the Manufacturing of Explosionproof Electric Equipment. Prom.energ. 14 no.2:23-28 P '59. (MIRA 12:3)

1. Giproniselektroshakht.
(Electric apparatus and appliances--Safety measures)

S/196/62/000/010/003/035
E073/E155

AUTHORS: Zikeyev, Ye.N., and Khorunzhiiy, V.A.
TITLE: Prospects of development of explosion-proof
electrical equipment

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.10, 1962, 16, abstract 10 A94. (Vestn.
elektroprom-sti, no.12, 1961, 1-4)

TEXT: Institut po proyektirovaniyu i issledovaniyu
vzryvobezopasnogo elektricheskogo-oborudovaniya (Institute for
Design and Research of Explosion-proof Electric Equipment) has
planned development work on the following problems: 'barrier'
protection, new methods of protecting electric circuits and
electrical insulation, protection against explosions by the use
of loose and gas fillers, also contactless and arcless switching,
investigation and development of automatic equipment for spaces
in which there is danger of explosion. The solutions reached
will be applied to explosion-proof motors, transformers, mobile
sub-stations and other apparatus, as well as to electric drives

Card 1/2

Prospects of development of ...

S/196/62/000/010/003/035
E073/E155

that are protected against explosions.

[Abstractor's note: Complete translation.]

Card 2/2

KHORUNZHIY, Valentin Alekseyevich; RIBAS, Yuriy Mikhaylovich;
NEDOSEKOV, Svyatoslav Semenovich; BOL'SHAM, Ya.M.,
retsenzent; BERSHITSKIY, M.D., red.; BUL'DYAYEV, N.A.,
tekhn. red.

[Explosionproof electrical equipment] Varyvozashchishchen-
noe elektrooborudovanie. Moskva, Gosenergoizdat, 1962. 319 p.
(MIRA 16:8)

(Electric apparatus and appliances--Safety measures)

DEDOVA, L.A., inzh.; KHORUNZHIY, V.I., inzh.

Precast reinforced concrete foundations of head frames for
multirope hoisting. Shakht.stroi. 8 no.1:12-15 Ja '64.
(MIRA 17:4)

1. Krivbassproyekt.

KHORUNZHIIY, V.I., inzh.

Foundations of the tower head frames of multiple rope hoists.
Shakht.stroi. 5 no.12:6-7 D '61. (MIRA 14:12)

1. Krivbassprojekt.
(Hoisting machinery--Foundations)

KHORUNZHII, V.I., inzh.; IYAMIN, V.I., red.

[Foundations with controlled settling; report at the All-Union Conference of Coal Industry Planners] Fundamenty s reguliruemoi osadkoi; doklad na Vsesoiuznom soveshchanii proektirovshchikov ugol'noi promyshlennosti. Moskva, In-t gornogo dela im. A.A.Skochinskogo, 1964. 10 p.

(MIRA 18:4)

KHORUNZHIY, V.I. (Krivoy Rog)

Elimination of pitch in towers. Osn., fund.i mekh.grun. 3 no.2:25-26
'61. (MIRA 14:5)

(Towers)

KHORUZHA, V., shofer

Labor is an educator. Avt.transp. 41 no.10:7 0 '63.
(MIRA 16:10)
1. 2-ye Ivanovskoye gruzovoye avtokhozyaystvo.

MOLCHANOV, L.P.; KERUZHAYA, S.D.

New installation for research on the kinetic reactions of man.
Uch. zap. MGPI no.168:67-72 '62. (MIRA 19:2)

AID P - 4775

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 2/24

Authors : Khorushenko, M. V. and S. Sh. Datskovskiy

Title : Reduction of time needed for planning mass production

Periodical : Stan. i. instr., 3, 3-9, Mr 1956

Abstract : Description of the development, design, construction and implementation of new and adapted machinery and tools for the further increase of quantity production of potato-harvesting combines at the Tula Combine Plant. The authors outline the plan, its underlying principles and the specific alterations and installation of machinery and equipment for mass-production. Two time-flow sheets for making forks for splined shafts are attached. 1 graph, 7 photos, 2 drawings, 1 table are also included.

Institution : Institute for Organization of the Machine-tool and Instrument Industry ("ORGSTANKINPROM").

Submitted : No date

KHORUZHENKO, M.V.

AID P - 5350

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 5/25

Author : Khoruzhenko, M. V.

Title : New manufacturing and conveying processes in mass production of radial-drilling machines.

Periodical : Stan. i instr., 8, 12-16, Ag 1956

Abstract : The result of some experimental work at the Institute for Organization of the Machine-Tool and Instrument Industry (ORGSTANKINPROM) is presented by the author. Newly developed or re-designed machine tools, such as the 2A55 radial-drilling machine, which replaces the 255 model, the GF-210 three-spindle plano-milling machine, the 2A716 special diamond boring machine, the GF-200 seven-spindle plano-milling machine, and the LS177 duplicate turning machine are described. More efficient assembly-line equipment and new conveyors for parts and whole machines in assembly are also described and illustrated. Nine photos and 4 drawings.

Institution : As above

Submitted : No date

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7

KHORUZHENKO, M.V.; DATSKOVSKIY, S.Sh.

Shortening planning time in continuous production. Stan.1 instr. 27 no.3:
3-9 Mr '56. (Industrial management) (MIRA 9:7)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7"

KHORUZHENKO, M. V.

Increasing Labor Productivity in Machine Building (Voprosy povysheniya proizvoditel'nosti truda v mashinostroenii) Gosudarstvennoye nauch-tekh. izdat. mashinostroitel'. literature, Moscow, 1957. 511 pp.
Table of Contents authors below)

This collection presents a comparative tech. and economic analysis of most effective methods and industrial processes for obtaining high labor productivity in machine building. Output may be stepped up by further standarization of machine tools, materials, and production methods; drawing on unused potentials. Covers all stages of planning and production as performed in modern plants of USSR, actual experience, and new methods are discussed.

FILIPPOV, V. N., KHORUZHENKO, M. V., "Production-line Methods in Machine-Tool Manufacture," p.440.

VORONOV, M.A.; KHORUZHENKO, M.V.; KARASEV, Ye.A.; BELYY, V.A.;
LIVSHITS, G.A.; VOROPAYEV V. I.; GONSKIY, G.V.; MEL'NICHENKO,
V.P.; MOLCHANOV, M.A.; OLYBIN, B.V.; NAVAGIN, Yu.S.; RAKOYED, A.I.;
PETRIKOV, V.G.

Soviet inventions in the machinery industry. Vest.mashinostr.
46 no.1:85-86 Ja '66. (MIRA 1981)

KHORUZHENKO P.F.
SORVINA, L.Ye.; *KHORUZHENKO, P.F.*

Organizing preventive measures to control dysentery under construction conditions at the Kakhov Hydroelectric Power Station. Zhur. mikrobiol. epid. i imun. no.8:87 Ag '54. (MLRA 7:9)

1. Iz Ukrainskogo instituta epidemiologii i mikrobiologii.
(DYSENTERY--PREVENTION)

KHORUZHENKO, P.F.

Epidemiology of leptospirosis caused by *L. grippotyphosa*. Zhur.
mikrobiol. epid. i immun. no.2:97-101 F '55. (MIRA 8:3)
(LEPTOSPIROSIS, epidemiology,
L. grippotyphosa)

USSR/Medicine - Leptospirosis
Card 1/1 Pub 148 - 31/36

FD-2330

Author : Khoruzhenko, P. F.
Title : The epidemiology of swamp fever ["water fever"]
Periodical : Zhur. mikro. epid. i immun. No 2, 97-101, Feb 1955
Abstract : On the basis of data collected in the Ukrainian SSR, discusses the epidemiology of swamp fever (infectious leptospiral jaundice), the possibilities of its transmission by animals (cattle), and the finding that most cases of the disease among humans (97.7%) are due to the drinking of contaminated water from enclosed natural bodies of water used for the watering of cattle.
Submitted : October 22, 1954

GROMASHEVSKIY, L.V.,; GORYACHEVA, O.A.,; KHORUZHENKO, P.F.,;
SLESARENKO, V.V.

Local cases of tick-borne relapsing fever in the Ukraine;
preliminary report. Med. paraz. 25 no.1:17-27 Ja-M '56 (MLRA 9:6)

I.Iz Kiyevskogo instituta epidemiologii, mikrobiologii i gigiyeny
(dir. instituta-kandidat meditsinskikh nauk S.N. Terekhov) i
Respublikanskoy protiv tyaremiynoy stantsii (glavnyy vrach
V.V. Slesarenko)

(TYPHOID FEVER,
tick-borne, relapsing in Ukraine)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7

KHORUZHENKO, P.F., kandidat meditsinskikh nauk (Kiyev)

Spreading of leptospirosis in the Ukraine and methods for its
control. Vrach. delo no.3:269-271 Mr '57 (MLRA 10:5)
(UKRAINE--LEPTOSPIROSIS)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7"

MAKHRACHEV, Aleksandr Yakovlevich[Makhrachov, O.], nauchnyy sotr.;
MAKARENKO, Guriy Karpovich[Makareni, H.], nauchnyy sotr.;
KHORUZHEVSKIY, Nikolay Dem'yanovich[Khoruzhevs'kyi, M.];
SOLODKIY, D.I.[Solodkyi, D.I.], red.; MOROZKO, L.G.
[Morozko, L.H.], tekhn. red.

[Cities of Kiev Province and their future]Mista Kyivshchyny,
ikh maibutnie. Kyiv, Kyiv's'ke oblasne knyzhkovo-gazetne vyd-
vo, 1962. 121 p.
(MIRA 16:4)

1. Institut ekonomiki Akademii nauk Ukr.SSR (for Makhrachev,
Makarenko). 2. Korespondent "Kiyevskoy pravdy" (for Khoruzhevskiy).
(Kiev Province--Cities and towns)

STARSHINOV, B.N.; SINITSKIV, V.D.; SEN'KO, G.Ye.; GULYGA, D.V.; BABIY, A.A.;
KHORUZHII, A.G.; Prinimali uchastiye: OSTROUKHOV, M.Ya.; SAVELOV,
M.I.; PLISKANOVSKIY, S.T.; MOISEYEV, Yu.G.; LAVRENT'YEV, M.L.;
TARASOV, F.P.; ZAGREBA, A.V.; KAMENEV, R.D.; TKACHENKO, A.A.;
FREYDIN, L.M.; LUKIN, P.G.; POPOV, Yu.A.; MISHIN, P.P.; KARACHENTSEV,
M.D.; DOLMATOV, V.A.; AYUKOV, A.S.; PALAGUTA, V.P.; VYAZOVSKIY, Yu.V.;
SOLODKIY, Yu.A.; KONAREVA, N.V.; SAPRONOV, Yu.V.; SINITSKAYA, S.K.;
SAPRONOV, B.V.; LEKAREV, V.L.; STOLYAR, V.V.; PROKHORENKO, Z.A.;
BANDINA, Ye.Ye.

Results of the first year of operation of large capacity blast
furnaces. Sbor. trud. UNIIM no.11:34-46 '65.

(MIRA 18:11)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7

STARSHINOV, B.N.; SINITSKIY, V.D.; LAVRENT'IEV, M.L.; KHORUZHII, A.G.;
TARASOV, F.P.; VYAZOVSKIY, Yu.V.

Investigating processes in the hearth of a 1719 m³ capacity
blast furnace. Sbor. trud. UNIIM no.11848-55 '65.

(MIRA 18:11)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722310009-7"

ZAV'YALOV, O.I.; POLIVANOV, M.K.; KHORUZHII, S.S.

Analytic properties of the amplitude in the quasi-potential
scattering problem. Zhur. eksp. i teor. fiz. 45 no.5:1654-
1659 N '63. (MIRA 17:1)

1. Matematicheskiy institut AN SSSR.

ACCESSION NR: AP4012562

S/0056/64/046/001/0339/0353

AUTHORS: Polivanov, M. K.; Khoruzhiy, S. S.

TITLE: Spectral representations in the quasioptical approach

SOURCE: Zhurnal eksper. i teoret. fiz., v. 46, no. 1, 1964, 339-353

TOPIC TAGS: elementary particle scattering, potential description of scattering, two particle unitarity condition, scattering amplitude, complex scattering potential, Mandelstam representation, dispersion relations, one dimensional dispersion relations, crossing symmetry

ABSTRACT: In an attempt to unify the potential description of elementary particle scattering with the two-particle unitarity condition, the analytic properties of the scattering amplitude as a function of the energy and the momentum transfer are investigated in the quasioptical approach, i.e., formulated as a potential scattering problem with a complex potential and an equation that implies

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ACCESSION NR: AP4012562

the relativistic two-particle unitarity condition. The approach is similar to that used by B. A. Arbuzov et al. (Preprint, OIYaI R-1318; ZhETF, in print), and the Fredholm series method is used. It is shown that the two-particle unitarity condition of quantum theory is incompatible in the framework of the quasipotential approach with the requirement of maximal analyticity in the form of the existence of a Mandelstam representation, but the total scattering amplitude admits of one-dimensional dispersion relations in each variable, with the other variables maintained fixed within a certain range. The effect of crossing symmetry is considered. In conclusion the authors express sincere gratitude to N. N. Bogolyubov who called their attention to the importance of this problem and also to N. N. Bogolyubov, A. A. Logunov, A. N. Tavkhelidze, V. S. Vladimirov, and O. I. Zav'yalov for fruitful discussions. Orig. art. has: 48 formulas.

ASSOCIATION: Matematicheskiy institut im. V. A. Steklova AN SSSR

Card 2/3

ACCESSION NR: AP4012562

(Mathematics Institute AN SSSR)

SUBMITTED: 26Jun63

DATE ACQ: 26Feb64

ENCL: 00

SUB CODE: PH

NO REF Sov: 004

OTHER: 011

Card 3/3

KHORUNZHIY, Valentin Alekseyevich; RIBAS, Yuriy Mikhaylovich
[deceased]; AKKERMAN, Fridrikh Markovich; ARNOPOLIN,
Aleksandr Grigor'yevich; PYATETSKIY, Grigoriy
Yuzefovich; OZERNOY, M.I., prof., retsenzent

[Explosionproof, electrical mine equipment; a handbook]
Rudnichnoe vzryvobezopasnoe elektrooborudovanie; spra-
vochnik. Moskva, Nedra, 1964. 289 p. (MIRA 17:12)

KHORUNZHIY, V.I., inzh.

Precast reinforced concrete tower headframes and prospects for
using them in the Krivoy Rog Basin. Shakht.stroi. 9 no.4:5-8
Ap '65. (NIRA 18:5)

1. Institut Krivbassproyekt.

FRATUSEVICH, Yu.M.; KHORUZHAYA, S.D.

Dynamics of electrical reactivity of the right and left cerebral hemispheres in school children after 5 to 6 hours of mental work.
Biul. eksp. biol. i med. 55 no.2:13-16 F'63. (MIRA 16:6)

1. Iz akademicheskoy gruppy (rukovoditel' - deystvitel'nyy chlen AMN SSSR G. N. Speranskiy) AMN SSSR i kafedry fiziologii (zav. prof. A.N.Kabanov) Moskovskogo pedagogicheskogo instituta imeni V.I.Lenina, Moskva.
(ELECTROENCEPHALOGRAPHY) (FATIGUE)
(BRAIN—LOCALIZATION OF FUNCTIONS)

L 39087-66

EWT(m)/EWP(j)/EWP(t)/ETJ

IWP(s)

EM/16/00/IG

ACC NR AP6022876

(N)

SOURCE CODE: UR/0186/66/003/002/0183/0189

AUTHOR: Mol'nar, F.; Khorvat, A.; Khalkin, V. A.; Volkov, V. A.

ORG: none

TITLE: Anion-exchange adsorption of gadolinium and europium by IRA-400 amberlite from water-methanol solutions containing neutral nitrates.

SOURCE: Radiokhimiya, v. 8, no. 2, 1966, 183-189

TOPIC TAGS: gadolinium, europium, nitrate, samarium, promethium, adsorption, ion exchange chromatography

ABSTRACT: The study was made in order to obtain data for a method of separating light radioactive rare earth elements for purposes of nuclear spectroscopy from gadolinium targets bombarded with 680 MeV protons. Most interesting among the products of the nuclear reaction are isotopes with the relatively short half-life of 0.5-5 hr, whose rapid chromatographic separation made it necessary to work with systems in which the distribution coefficients were small. Systems of this type were investigated by studying the anion-exchange adsorption of radioactive gadolinium and europium (obtained from a tantalum target irradiated with 680 MeV protons) on the strongly basic resin IRA-400 in the nitrate form from water-methanol solutions. The effect of nitrate cations (H^+ , Li^+ , NH_4^+ , Na^+ , Be^{2+} , Ca^{2+} , Kg^{2+}), temperature, and

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UDC: 543.544.6 (546.662+546.661)

L 39087-66

ACC NR: AP6022876

concentration of the nitrate salt on the distribution coefficients and separation factors of Gd and Eu was determined. It was established that eluents containing methanol and neutral nitrates make it possible to perform the anion-exchange separation of Gd and Eu. Preliminary data on a method of separating light rare earths (Eu, Sm, and Pm) in a carrier-free state from macroquantities of Gd bombarded with 680 MeV protons are presented. Orig. art. has: 8 figures and 3 tables.

SUB CODE: 07/ SUBM DATE: 21Dec64/ OTH REPT: 009

Card 2/2MLP

NADASHI, M. [Nadasy, M.], doktor; TAKACH, P. [Takacs, P.], doktor; KMORVAT, A.
[Horvath, A.]

Obtaining germanium dioxide from by-products of lignite processing.
Koks i khim. no.3:9-11 '63.
(MIRA 16:3)

1. Nauchno-issledovatel'skiy institut osnovnoy khimicheskoy
promyshlennosti, Vesprem, Vengerskaya Narodnaya Respublika.
(Hungary—Coke industry—By-products) (Lignite)(Germanium oxides)

BAKTAI, M.; FEYYESH, I.; KHORVAT, A.

Indications of solar activity in the annual rings of *Pinus Tarnociensis* of the Miocene. Astron. zhur. 41 no.2:413-414
Mr-Ap '64. (MIRA 17:4)

1. Katedra astronomii universiteta im. Etvasha, Budapesht.

SMIRNOVA, O.V.; LOSEV, I.P. [deceased]; KHORVAT, E.

Synthesis and study of polycarbonates by the interfacial polycondensation method. Part 4: Effect of the excess of one of the components on the course of the interfacial polycondensation of 2,2'-bis-(4-hydroxyphenyl) propane and phosgene. Vysokom. soed 6 no.3:459-462 Mr'64. (MIRA 17:5)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni Mendeleyeva.

SMIRNOVA, O.V.; LOSEV, I.P. [deceased]; KHORVAT, E.

Synthesis and studies of polycarbonates by the interfacial polycondensation method. Part 6: Effect of emulsifiers on the course of the interfacial polycondensation of 2,2'-bis-(4-hydroxyphenyl) propane and phosgene and on the rate of hydrolysis of phosgene. Vysokom. soed. 6 no.4:594-599 Ap '64.
(MIRA 17:6)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni D.I. Mendeleyeva.

SMIRNOVA, O.V.; LOSEV, I.P. [deceased]; KHORVAT, E.; ASTASHEVA, I.B.

Synthesis and study of polycarbonates by the interfacial polycondensation method. Part 5: Effect of the amount and concentration of sodium hydroxide on the course of the interfacial polycondensation of 2,2'-bis(4-hydroxyphenyl)propane and phosgene. Vysokom. soed. 6 no.3:463-469 Mr'64.

(MIRA 17:5)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva.

ACCESSION NR: AP4050562

2/0190/64/006/003/0463/0463

AUTHORS: Smirnova, O. V.; Losov, I. P. (Decceased); Il'evat, N.; Astashova, I. B.

TITLE: The synthesis and investigation of polycarbonates by the interfacial polycondensation method. 3. Effect of the amount and concentration of sodium hydroxide on the course of the interfacial polycondensation of 2,2'-bis-(4-hydroxyphenyl) propane and phosgene

SOURCE: Vy'sokomolekulyarnye sozedeniia, v. 6, no. 3, 1964, 463-469

TOPIC TAGS: polycarbonate, dihydroxydiphenylalkane, 2,2'-bis-(4-hydroxyphenyl) propane, phosgene, polyester, sodium hydroxide, polycondensation, interfacial polycondensation, aqueous phase, organic phase, phenoxide ion, macromolecule

ABSTRACT: Equimolecular amounts of 2,2'-bis-(4-hydroxyphenyl) propane (HPP) and phosgene (in 0.01 - 1.0 mole/liter concentrations) were subjected to interfacial polycondensation in the presence of an equimolecular amount of sodium hydroxide in the aqueous phase. Polymers of low molecular weight (2000-6000) were obtained, irrespective of the nature of the organic phase, while the addition of a 100-300% excess sodium hydroxide caused an increase in the molecular weight of the polymers.

Card 1/3 ✓

ACCESSION NR: AP4030362

the magnitude of which varied with the solvent. Thus, at 0.1 mole/liter concentrations of the reacting components, an organic phase of carbon tetrachloride yielded a polycarbonate with a molecular weight of 65 000, as against a maximum of only 40 000 from an n-heptane phase and 10 000 and 7 800 from benzene and methylene-chloride phases, respectively. The yield of polycarbonates increased with higher concentrations of sodium hydroxide, reaching in carbon tetrachloride and n-heptane phases a maximum coinciding with maximum molecular weight, declining thereafter. In benzene and methylenechloride phases, on the other hand, the yield continued to climb long after the maximum molecular weight had been reached. It was also found that the degree of phosgene hydrolysis increased with higher concentrations of sodium hydroxide and that it depended on the nature of the organic phase. A 10-30% excess phosgene over the equimolecular ratio proved beneficial in achieving optimal yields and molecular weights of the polymers. While further additions of phosgene continued to increase the yield of the polycarbonate, its molecular weight declined. An excess of HPP over the equimolecular ratio with phosgene led to similar results. The authors conclude that a large excess of sodium hydroxide is required for optimal results in the HPP-phosgene interphase polycondensation reaction. Orig. art. has: 4 charts and 1 table.

ASSOCIATION: Moskovskiy Khimiko-tehnologicheskiy institut im. D. I. Mendeleeva

Card 2/2

USIYEVICH, M.A., kand. ekon. nauk; VIDMAR, V.N., kand. ekon. nauk;
STUPOV, A.D., kand. sel'khoz. nauk; STARODUBROVSKAYA, V.N.,
kand. ekon. nauk; STOROZHEV, V.I., kand.ist. nauk; RUDAKOV,
Ye.V., kand. ekon. nauk; KIRANOV, P., prof.; KHORVAT, L.
[Horvat, L.], kand. ekon. nauk; KROMM, K., doktor; FRUKK, Kh.
[Frukk, H.], doktor; SHMIDT, V. [Schmidt, V.], prof., doktor;
TEPIKHT, Ye. [Tepicht, E.], prof.; NIK, S. [Nic,S.], kand.
ekon. nauk; DUMITRIY, D. [Dumitro, D.]; SVOBODA, K., kand.
ekon. nauk; LEPNIKOVA, Ye., red.; KIRSANova, I., mladshiy red.;
NOGINA, N., tekhn. red.

[Socialist reorganizations in the agriculture of the European
people's democracies] Sotsialisticheskie preobrazovaniia v sel'-
skom khoziaistve evropeiskikh stran narodnoi demokratii. Moskva,
Sotseskiz, 1963. 334 p. (MIRA 16:7)

1. Akademiya nauk SSSR. Institut ekonomiki mirovoy sotsialisti-
cheskoy sistemy. 2. Institut ekonomiki mirovoy sotsialistiche-
skoy sistemy AN SSSR (for Usiyevich, Vidmar, Stupov,
Starodubrovskaya, Storozhev, Rudakov).

(Europe, Eastern--Agriculture, Cooperative)

FRANTIK, E.; KHORVAT, M. [Horvat, M.]

Elements of automation in the technique of research in higher nervous activity. Zhur. vys. nerv. deiat. 14 no. 2:358-363
Mr-Ap '64.
(MIRA 17:6)

1. Department of Physiology of Higher Nervous Activity,
Institute of Labor and Occupational Diseases, Prague,
Czechoslovakia.

OTROGICHENKO, V.D.; ZEVIN, M.F.; KHOVAT, V.A.

Distribution of disseminated boron in some rocks in the northern
Tien Shan. Uzb. geol. zhur. 9 no. 6 1965. (MIRA 19:1)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut geologii
i mineral'nogo syr'ya. Submitted December 31, 1964.

KHORVAT, V.A. ; SALOV, P.I.

Some petrochemical and chemical features of upper Paleozoic effusive rocks in the right bank of the Angren River. Uzb. geol. zhur. no.5: 23-33 '60. (MIRA 13:11)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut geologii i mineral'nogo syr'ya i Sredneaziatskiy politekhnicheskiy institut. (Angren Valley—Rocks, Igneous)

KHORVAT, Ya., agronom

Night treatment of plants. Zashch. rast. ot vred. i bol. 9
no.8:52 '64. (MIRA 17:12)

1. Moskovskaya sel'skokhozyaystvennaya akademiya im. Timiryazeva.

KHADNAD', Ch.; KHORVAT, Ye.; SENTKIRALI, I.; IMRE, B.; YERDELI, A.;
GANTS, A.

Treatment of acetonemic vomiting in children with vitamin B₁₂.
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TITLE: Activity of zinc sulfate in a sulfuric acid solution of zinc sulfate

SOURCE: Kohaszati lapok, no. 2, 1966, 69-73 ✓

TOPIC TAGS: sulfuric acid, zinc compound

ABSTRACT: The activity of the zinc sulfate at 25°, 35°, 45°, and 55°C in solutions containing 0.250 g./l. sulfuric acid and 0 - 175 g./l. zinc sulfate was investigated by determining the electromotive force of a galvanic element containing Hg_xZn_y/H_2SO_4 , $ZnSO_4$, $H_2O/Hg_2SO_4/Hg$. The electromotive force decreased with increasing sulfuric acid content, zinc content, and/or operating temperature. The activity of the zinc sulfate in the electrolyte increased with increasing sulfuric acid content, zinc content, and/or operating temperature. The results of the measurements performed were presented in Tables. Orig. art. has: 4 figures, 10 formulas and 9 tables. [JPRS]

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